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Page 1 of 9

AUG 17 2000

TECH CENTER 1600/2900

1649

RAW SEQUENCE LISTING

DATE: 08/08/2000

PATENT APPLICATION: US/09/394,745

TIME: 15:50:35

Input Set : D:\In House Maize.rpt

Output Set: N:\CRF3\08082000\I394745.raw

#3
Hunko
9/17/00

ENTERED

2 <110> APPLICANT: Fisher, Dane K.
3 Lalgudi, Raghunath V.
6 <120> TITLE OF INVENTION: NUCLEIC ACID MOLECULES AND OTHER MOLECULES ASSOCIATED WITH
7 PLANTS
9 <130> FILE REFERENCE: 38-21(15454)B
C--> 11 <140> CURRENT APPLICATION NUMBER: US/09/394,745
C--> 11 <141> CURRENT FILING DATE: 1999-09-15
11 <160> NUMBER OF SEQ ID NOS: 57264
13 <210> SEQ ID NO: 1
14 <211> LENGTH: 92
15 <212> TYPE: DNA
16 <213> ORGANISM: Zea mays
18 <223> OTHER INFORMATION: Clone ID: LIB143-001-Q1-E1-C10
20 <400> SEQUENCE: 1
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24 ggcatccaaa actctgtcgg ttacgttcgc aa 92
27 <210> SEQ ID NO: 2
28 <211> LENGTH: 121
29 <212> TYPE: DNA
30 <213> ORGANISM: Zea mays
32 <223> OTHER INFORMATION: Clone ID: LIB143-001-Q1-E1-C11
34 <400> SEQUENCE: 2
36 ccacacgtcc gctcatccat cgttccacca ccagtctcgc acagatacag cctctatttc 60
38 tgattcgatg gatgtgatgt taactcaaac atggtagcct ccaaggatag ctaaggagtc 120
40 a 121
43 <210> SEQ ID NO: 3
44 <211> LENGTH: 406
45 <212> TYPE: DNA
46 <213> ORGANISM: Zea mays
48 <223> OTHER INFORMATION: Clone ID: LIB143-001-Q1-E1-C2
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54 aagctcgggc atcatcctcg gttctgcgac caatagatgc ccgtcgtggt catgaagctg 120
56 atgtcatctc cagcgacaat gccagtgta ggagcggcat gagtggtgac tacagcggca 180
58 caaaggaatc aaacatcgag atgaaacttt ctccacttca gaactcatac ccccaaagcc 240
60 ttgcaagcca ggatgaatat gataccggca caccaaccgc aagcagtcta agcagtcggy 300
62 tctacatcca caagcttgcc tctcactctc agttcagtc agcgcctcgc cctgcgcctc 360
64 ctgaaagatt tgtgccagct atggtacggc caccggttcc taccac 406
67 <210> SEQ ID NO: 4
68 <211> LENGTH: 377
69 <212> TYPE: DNA
70 <213> ORGANISM: Zea mays
72 <223> OTHER INFORMATION: Clone ID: LIB143-001-Q1-E1-C3
74 <400> SEQUENCE: 4
76 cgctccatg taccggtcca ggaattcccg agtcgaccca cgcctccgct ttgccagact 60
78 gaaaagaaa agagcagaca tgaattgttg gcgcgcgtag ctgcgggttg aggggttttt 120
80 agaaccataa gaggcctaag tgccaaattc ctgaggcaaa tcgtaatgac attgcaaatc 180

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TECH CENTER 1600/2600

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 PATENT APPLICATION: US/09/394,745. DATE: 08/08/2000
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Input Set : D:\In House Maize.rpt
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82 aagcagatga tctagtagag tcaatggaat ctaggacac cattcctgat cgaaaacttc 240
84 ttgcaagatt agttatagta agagaagaag ctcggaatat gatgggaggt ggcctgttag 300
86 atgagagaaa tgatcgtggg ttgactaacc tccctgaggc agaggtaaac tttttgagca 360
88 agctcgttgc tcttaaa 377
91 <210> SEQ ID NO: 5
92 <211> LENGTH: 249
93 <212> TYPE: DNA
94 <213> ORGANISM: Zea mays
96 <223> OTHER INFORMATION: Clone ID: LIB143-001-Q1-E1-C4
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102 taacgattag tgagtgggtcc tgtattgagc ctgggtgcag cctctgccag tataagtgc 120
104 ctacgtgtta tacatttttt tatgtccatg aaacattgat ccaactgagaa aatatatctt 180
106 caggtgccaa tctacgacaa aaaaggaaa aaaaaagag aaaaaaaga gcaaaaggaa 240
108 agaaaggag 249
111 <210> SEQ ID NO: 6
112 <211> LENGTH: 257
113 <212> TYPE: DNA
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116 <223> OTHER INFORMATION: Clone ID: LIB143-001-Q1-E1-C5
118 <400> SEQUENCE: 6
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122 cgctccgctg tactacaaag gatgggtatca cctgttctac cagtacaacc ccaagggccc 120
124 cgtattgggc cacatccttt tggcccaatc cgtttccccc caacttatta aattgggtgc 180
126 ccctgaaccc ggcattctaac ccaacatccc gttcgacaag ttccgcggcc ggtccggctc 240
128 tcggaacatt tcttaag 257
131 <210> SEQ ID NO: 7
132 <211> LENGTH: 401
133 <212> TYPE: DNA
134 <213> ORGANISM: Zea mays
136 <223> OTHER INFORMATION: Clone ID: LIB143-001-Q1-E1-C6
138 <400> SEQUENCE: 7
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142 ctcacgacca cgaccgcttc cagccctcg accccgaacc cccaatccc gacgcgaccg 120
144 ctgaacccta gcatactccg gccatctgct gccggccccg gcgatcccc gccatggcct 180
146 cccccgaggg cacaacgtgg gtcttcgact gtccccttat ggacgacctc gcggtcggcg 240
148 ccgacttcgc ggcagccccc gcgggaggat tttctgggc agcgccgccc tcgctgcagc 300
150 cgcaggcgcc agtgcagtct gtcgttgccg cgtcggctcc caaccatgt atggaaatca 360
152 gtagctctgt ggactgtggt caggaaaaag aacagccaac c 401
155 <210> SEQ ID NO: 8
156 <211> LENGTH: 402
157 <212> TYPE: DNA
158 <213> ORGANISM: Zea mays
160 <223> OTHER INFORMATION: Clone ID: LIB143-001-Q1-E1-C7
162 <400> SEQUENCE: 8
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166 tcttccccac tcaactctgc gcttctctgc cgcgcggttc cttctccctg atctctcttt 120
168 ggcttcgagg ttcatggcga tgtggagggc cgccgctagg cagctggctg accggggcgt 180
170 cggctcaagg gcccggcaca cgtctacagg cagcaaaaag atagtcgggg tgttctacaa 240

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-45 17410

TECHNOLOGY 2000

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172 ggccgggggag tatgccgaca agaaccceaa cttcgtcggc tgcgtcgagg gtgcactcgg 300
174 catccgcggc tggctcgagt cgcaggggcca tcagtacatt gtcaccgatg acaagggaagg 360
176 ccccaactgt gaactggaga agcacattta agacatgcat gt 402
179 <210> SEQ ID NO: 9
180 <211> LENGTH: 369
181 <212> TYPE: DNA
182 <213> ORGANISM: Zea mays
184 <223> OTHER INFORMATION: Clone ID: LIB143-001-Q1-E1-C9
186 <400> SEQUENCE: 9
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190 agaactaagc ccacgcgtcc gccacgcgt ccgaacttat gtgaccaata agatcaagct 120
192 ccagctcaac cgaagggtga gctcgagcca tggctaagat caccacaatg gccgcggcga 180
194 cggcgatcgc gcttggtctt ctaccgctcg gccgcggcga ggagatgcc accgcagcgc 240
196 acccgcacgg gctctctccc gagagcccgc tcgctctgtc gccggctgct tacgacttct 300
198 tccaccccgag agcgcgcgcc cgacgagctc acggcgtcgc gccggtgccg gcgctcgcgt 360
200 ctacaggac
203 <210> SEQ ID NO: 10
204 <211> LENGTH: 414
205 <212> TYPE: DNA
206 <213> ORGANISM: Zea mays
208 <223> OTHER INFORMATION: Clone ID: LIB143-001-Q1-E1-D10
210 <400> SEQUENCE: 10
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214 ccgaatctct cgggtgggat ggcgctctcc gaccgctccc gcgagtcgct cctcccagac 120
216 ttctctacg cctcctcggc gcgctctttc gctgccacag gagccgcgcg gcgcctccct 180
218 gtctctcccc cagcgctcgc cagggctgga gcaggaggcg gcgtgccgtt ctcgatccag 240
220 gcgcccgaag agaagatcga gatgtactcg ccggccttct atgccgcctg cactgccgga 300
222 ggaatcgcca gctgcgggct caccacatg gccgtcacgc ctctcgacct cgtcaagtgc 360
224 aatatgcaaa atgacccaac gaaattccag gattatctca tcgggatttg gtat 414
227 <210> SEQ ID NO: 11
228 <211> LENGTH: 425
229 <212> TYPE: DNA
230 <213> ORGANISM: Zea mays
232 <223> OTHER INFORMATION: Clone ID: LIB143-001-Q1-E1-D11
234 <400> SEQUENCE: 11
236 ccacgcgtcc gcgacgaggg cggggaggaa gacgacgaag gcgaggatga gcggatgacg 60
238 ggtacctcaa gggcgtcgtc accgacgtca tccacgaccc cggccgtggc gcgccgctcg 120
240 ccaaggtcac ttcccgccac ccattcaggt acaagcacca gaaggagctc ttgtcgcag 180
242 ccgagggcat gtacacgggc cagttcgtct actgcggtcg ccgcgccacc ctctccatcg 240
244 gcaacgtgct gcccctccgc gggatccctg aggggtgccg cgtctgcaac gtcgagcacc 300
246 acgtcgggtga ccgcggtgct ttgcgaggg cctctgggga ctacgccatt gtgattaagc 360
248 aaaagccttg gacacgggac atcgaggatt aagctgccct ctggcgccaa gaagattgtc 420
250 cccag
253 <210> SEQ ID NO: 12
254 <211> LENGTH: 352
255 <212> TYPE: DNA
256 <213> ORGANISM: Zea mays
258 <223> OTHER INFORMATION: Clone ID: LIB143-001-Q1-E1-D12
260 <400> SEQUENCE: 12

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262 ccacgcgtcc gcacagagct tgcgtgcaac gctggtgcaa cgagaaagga gacactactt   60
264 gtgaaatttg tcatgaggaa tacaagccag gttacactgc gccacctcgt gttcagccag  120
266 atgagacaac catagacatt gatggtgatt tgggttatgga ttgcgagac ccaaggattc  180
268 ttgctgtagc agctgccccaa catcgtcttc ttgaggcaga gtatgatggt tacgctagta  240
270 cagatgctag tgggtgctgca ttctgccgtt cagctgcgct tattttaatg gcactgttgc  300
272 ttctaaggca tgcattgtct atgtcagaca acgaaggaaa cgatgatgac gc          352
275 <210> SEQ ID NO: 13
276 <211> LENGTH: 402
277 <212> TYPE: DNA
278 <213> ORGANISM: Zea mays
280 <223> OTHER INFORMATION: Clone ID: LIB143-001-Q1-E1-D2
282 <400> SEQUENCE: 13
284 cctgcattgta cgggtccaga attccccagt cgacccaacgc gtccgcaaaa ccatcatttg   60
286 gaagctgggc tgcggtgag ggacaatgaa ggatttgttg aaaatagggt ggatgctgtt  120
288 gttcttgatt tagttgatga tgaagcttct ggtatgcaag cgcagaaaaac tcgatatcac  180
290 tggatgaagg tggacaattg gagctatgtc agctacagtt attgatctgt gttcactttt  240
292 gaaatactaa aataggaaaag taactataca atgctgctaa cttgacaatc attgcatgaa  300
294 agcatcatat gctagtgtct cgtgtttatt gctgccctag ccatccggat agtccatcgc  360
296 ccgtcgtggg cctcgtggca catcctagat gttttgcccc gc          402
299 <210> SEQ ID NO: 14
300 <211> LENGTH: 396
301 <212> TYPE: DNA
302 <213> ORGANISM: Zea mays
304 <223> OTHER INFORMATION: Clone ID: LIB143-001-Q1-E1-D3
306 <400> SEQUENCE: 14
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310 tggacgtgct catccactac ccgcgggagg aggcgcgcgc catgatccgc cacctcgcgt  120
312 cgctggcgga caagcggtg ctcatcagct tcgcgccag gacgctctac ttcgacttcc  180
314 tcaagtcgct gggcgagctg ttcccgggcc cgtcaaaggc cacgcgcgcc tacctgcacg  240
316 ccgagggcca catcgaggac gcgctccgcc aggcgggctg gcgcgtcgtc aaccgcggct  300
318 tcattctcac gcagttctac ttgcaccaagc tcttcgacgc cgtgcccgtc ggctcctcga  360
320 cgtagccgtg taggcgcgcc gccgtgtgcc tgtgtg
323 <210> SEQ ID NO: 15
324 <211> LENGTH: 392
325 <212> TYPE: DNA
326 <213> ORGANISM: Zea mays
328 <223> OTHER INFORMATION: Clone ID: LIB143-001-Q1-E1-D5
330 <400> SEQUENCE: 15
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334 tagggtctac tattgttatt ggtgtagcca agggattgca aatgggaaaa atgggtgtaa  120
336 aacgctgcat attttttttt gcctaagcta cagctgtgct acagcaaat ttgattaaaa  180
338 aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa  240
340 aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa  300
342 aaaaaaaaaa aaaaaaaaaa ggggggggcc cccaaggat tccaacgtta agtaccgcag  360
344 aaggaaagtg aaagaccccc aaaagggggc cc          392
347 <210> SEQ ID NO: 16
348 <211> LENGTH: 383
349 <212> TYPE: DNA
350 <213> ORGANISM: Zea mays

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352 <223> OTHER INFORMATION: Clone ID: LIB143-001-Q1-E1-D7
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358 agaaccatct aacaacaatt ttctctgagg ttagggttaa gagatacctt gagatgagag 120
360 gtgctgatgg tggcccatgg aggagattgt gtgcgctgcc tgcatttttg gttgggctgc 180
362 tgtacgatga ggaatcatta caaagcattt tagacatgac ttttgactgg acacaggagg 240
364 aaagagagat gctaagacat aaggtaccgt tgactggctt gaagacacca ttctcgcatg 300
366 gatattgttag agatttagcc gaggaagttc taaaactggc caagaatgga ttggaaagaa 360
368 gaggatacaa ggaggtccgt ttc 383
371 <210> SEQ ID NO: 17
372 <211> LENGTH: 240
373 <212> TYPE: DNA
374 <213> ORGANISM: Zea mays
376 <223> OTHER INFORMATION: Clone ID: LIB143-001-Q1-E1-D8
378 <400> SEQUENCE: 17
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382 ttgttcatgt ttcttttacc cactttccgt tacaaaaaga tgtcattagt gaggggagaa 120
384 aagcaatacg actgttctcg agagaaccga agaattatgg aaattgaggt tatggcttaa 180
386 aaaaaaagag attagaatgc gcagcatgca attaaaaggg cggccgctct agaggatcga 240
389 <210> SEQ ID NO: 18
390 <211> LENGTH: 423
391 <212> TYPE: DNA
392 <213> ORGANISM: Zea mays
394 <223> OTHER INFORMATION: Clone ID: LIB143-001-Q1-E1-D9
396 <400> SEQUENCE: 18
398 ccacgcgtcc gagctgctct cgtccctaga aataaagcag ctccctccgc gggcggcgaa 60
400 ctactaccca tcgccaaaac cctagccccc atccggctga ggagcactac ttcttggcat 120
402 ggcgggcacc cctagccagg caagcctcct gctccagaag cagctcaagg atcttgcgaa 180
404 gaaccccggt gatgggttct ccgcagggtt tgtagacgat agcaacgtct tcgagtgga 240
406 ggtcaccatc atcgccccc cgcacacctt atatgatgga ggctacttca atgcaataat 300
408 gaccttcccc cagaactatc ccaacagccc gccatcagta agatttactt ctgggatgtg 360
410 gcaatcgaat ggttaccggg atgggcttgt ttgcatttct attcttctac cacctgggtg 420
412 aga 423
415 <210> SEQ ID NO: 19
416 <211> LENGTH: 396
417 <212> TYPE: DNA
418 <213> ORGANISM: Zea mays
420 <223> OTHER INFORMATION: Clone ID: LIB143-001-Q1-E1-E1
422 <400> SEQUENCE: 19
424 acgcctgcat gtaccggtcc agaattcccg agtcgaccca cgcgtccgcc gggaaagctgc 60
426 cctgccactg ccaggctgcc acaccgaggt gctcccttga ctccctctcc tctcctcttc 120
428 tcgcgcacgt ggtctgtgcc cgtacgcggc ggcgctgccg ctccaccagac cggccgcccgc 180
430 cagctctgct tccgcgcctc cccgcctcct caccgtccgc cccctttttac ctgcctgac 240
432 attttattat aaatgtgggg cgagagaact catcataagc actggcatca aggtcatggt 300
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436 aattatagct ccgtcgatga ggttactact gctctg 396
439 <210> SEQ ID NO: 20
440 <211> LENGTH: 312
441 <212> TYPE: DNA

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

VERIFICATION SUMMARY DATE: 08/08/2000
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Input Set : D:\In House Maize.rpt
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L:11 M:270 C: Current Application Number differs, Replaced Current Application No
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:545 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:24
L:545 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:24
L:545 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:24
L:545 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:24
L:1452 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:65
L:1452 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:65
L:1452 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:65
L:1452 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:65
L:1464 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:65
L:1464 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:65
L:1464 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:65
M:340 Repeated in SeqNo=65
L:1489 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:66
L:1489 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:66
L:1489 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:66
L:1489 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:66
L:1506 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:67
L:1506 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:67
L:1506 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:67
L:1506 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:67
L:1508 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:67
L:1508 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:67
L:1508 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:67
M:340 Repeated in SeqNo=67
L:1512 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:67
L:1512 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:67
L:1512 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:67
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L:1659 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:73
L:1659 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:73
L:1659 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:73
L:1884 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:83
L:1884 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:83
L:1884 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:83
L:1884 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:83
L:1905 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:84
L:1905 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:84
L:1905 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:84
L:1905 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:84
L:1915 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:84
L:1915 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:84
L:1915 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:84
M:340 Repeated in SeqNo=84
L:2096 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:92
L:2096 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:92
L:2096 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:92

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L:2096 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:92
 L:2135 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:93
 L:2135 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:93
 L:2135 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:93
 L:2135 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:93
 L:2162 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:94
 L:2162 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:94
 L:2162 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:94
 L:2162 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:94
 L:2189 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:96
 L:2189 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:96
 L:2189 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:96
 L:2189 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:96
 L:2368 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:104
 L:2368 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:104
 L:2368 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:104
 L:2368 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:104
 L:2593 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:114
 L:2593 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:114
 L:2593 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:114
 L:2860 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:126
 L:3049 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:135
 L:3224 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:143
 L:3455 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:154
 L:3490 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:156
 M:340 Repeated in SeqNo=156
 L:3557 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:159
 L:3764 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:168
 L:3975 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:177
 L:4162 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:186
 L:4239 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:189
 L:4702 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:208
 L:4767 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:211
 L:5654 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:250
 L:6301 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:280
 L:6868 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:305
 L:7309 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:325
 L:7340 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:327
 L:7887 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:351
 L:7962 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:354
 L:8289 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:367
 L:8490 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:375
 L:8575 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:379
 L:9324 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:413
 L:9953 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:439
 L:10056 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:443
 M:340 Repeated in SeqNo=443
 L:10223 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:450
 L:10362 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:456

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/394,745

DATE: 08/08/2000

TIME: 15:50:36

Input Set : D:\In House Maize.rpt

Output Set: N:\CRF3\08082000\I394745.raw

L:10489 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:461
L:10656 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:468
M:340 Repeated in SeqNo=468
L:10677 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:469
L:10694 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:470